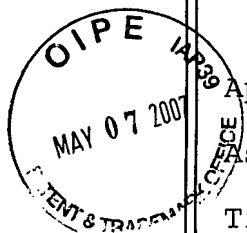


JFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant(s): Eduard K. de Jong

Assignee: Sun Microsystems, Inc.

Title: APPLICATION PROGRAM OBFUSCATION

Serial No.: 10/672,698 Filed: September 25, 2003

Examiner: Daniel L. Hoang Group Art 2136

Unit:

Docket No.: P-7008

Monterey, CA
May 3, 2007

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT
UNDER \$1.97(c) WITH FEE

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant(s) wish to call the following documents (a copy of each non-US Patent document is enclosed) to the attention of the Examiner.

U.S. PATENT DOCUMENTS

| | DOCUMENT NUMBER | DATE | NAME |
|----|-----------------|----------|-----------------|
| 1) | 4,434,436 | 02/28/84 | Kleykamp et al. |
| 2) | 5,913,064 | 06/15/99 | Chen |
| 3) | 6,006,328 | 12/21/99 | Drake |
| 4) | 6,101,606 | 08/08/00 | Diersch et al. |
| 5) | 6,175,925 | 01/16/01 | Nardone et al. |
| 6) | 6,178,509 | 01/23/01 | Nardone et al. |
| 7) | 6,205,550 | 03/20/01 | Nardone et al. |

| | | | |
|-----|--------------|----------|--------------------|
| 8) | 6,266,416 | 07/24/01 | Sigbjørnsen et al. |
| 9) | 6,289,455 | 09/11/01 | Kocher et al. |
| 10) | 6,308,256 | 10/23/01 | Folmsbee |
| 11) | 6,334,189 | 12/25/01 | Granger et al. |
| 12) | 6,374,402 | 04/16/02 | Schmeidler et al. |
| 13) | 6,480,959 | 11/12/02 | Granger et al. |
| 14) | 6,594,761 | 07/15/03 | Chow et al. |
| 15) | 6,615,350 | 09/02/03 | Schell et al. |
| 16) | 6,640,305 | 10/28/03 | Kocher et al. |
| 17) | 6,643,775 | 11/04/03 | Granger et al. |
| 18) | 6,694,435 | 02/17/04 | Kiddy |
| 19) | 6,779,114 | 08/17/04 | Chow et al. |
| 20) | 6,862,683 | 03/01/05 | Wille et al. |
| 21) | 6,981,217 | 12/27/05 | Knauft et al. |
| 22) | 7,054,443 | 05/30/06 | Jakubowski et al. |
| 23) | 7,065,652 | 06/20/06 | Xu et al. |
| 24) | 7,080,039 | 07/18/06 | Marsh |
| 25) | 7,089,594 | 08/08/06 | Lal et al. |
| 26) | 7,124,445 | 10/17/06 | Cronce et al. |
| 27) | 7,127,712 | 10/24/06 | Noble et al. |
| 28) | 7,150,003 | 12/12/06 | Naumovich et al. |
| 29) | 2003/0093685 | 05/15/03 | Tobin |
| 30) | 2003/0177391 | 09/18/03 | Ofek et al. |
| 31) | 2003/0188187 | 10/02/03 | Uchida |
| 32) | 2003/0191938 | 10/09/03 | Woods et al. |
| 33) | 2003/0233542 | 12/18/03 | Benaloh |
| 34) | 2004/0003264 | 01/01/04 | Zeman et al. |
| 35) | 2004/0003278 | 01/01/04 | Chen et al. |
| 36) | 2004/0039932 | 02/26/04 | Elazar et al. |
| 37) | 2004/0103404 | 05/27/04 | Naumovich et al. |
| 38) | 2004/0151306 | 08/05/04 | Kiddy |
| 39) | 2005/0002053 | 01/06/05 | Meador et al. |
| 40) | 2005/0015454 | 01/20/05 | Goodman et al. |

| | | | |
|-----|--------------|----------|-----------------|
| 41) | 2005/0021995 | 01/27/05 | Lal et al. |
| 42) | 2005/0044359 | 02/24/05 | Eriksson et al. |
| 43) | 2005/0055564 | 03/10/05 | Haselden et al. |
| 44) | 2005/0102264 | 05/12/05 | Nason et al. |
| 45) | 2006/0026430 | 02/02/06 | Luo |
| 46) | 2006/0048228 | 03/02/06 | Takemori et al. |
| 47) | 2006/0218539 | 09/28/06 | Stiemens et al. |
| 48) | 2006/0271921 | 11/30/06 | Cronce et al. |

OTHER DOCUMENTS

| | |
|----|---|
| 1) | Collberg et al., "Breaking Abstractions and Unstructuring Data Structures", IEEE 2005, pages 1-12 [Online]. Retrieved on September 13, 2005 from the Internet: URL:< http://ieeexplore.ieee.org/xpl/absprintf.jsp?arnumber=674154 >. |
| 2) | Collberg et al., "A Taxonomy of Obfuscating Transformations", 1997, pages 1-36. |
| 3) | Mambo et al., "A Tentative Approach to Constructing Tamper-Resistant Software", ACM 1998, pages 23-33. |

A PTO form 1449 listing these documents is enclosed.

Citation of the above documents shall not be construed as:

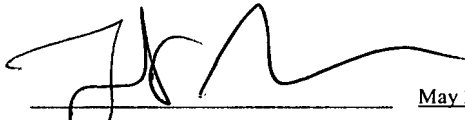
1. an admission that the documents are necessarily prior art with respect to the instant invention;
2. a representation that a search has been made, other than as described above; or
3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

Enclosed herewith is a check in the amount of \$180.00 payable to the Director of the United States Patent and Trademark Office, which is the amount for submission of an Information Disclosure Statement given in 37 C.F.R. § 1.17(p).

The Commissioner is hereby authorized to charge any additional fees, which may be required to consider this paper, or credit any overpayment to Deposit Account No. 50-0553.

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on May 3, 2007

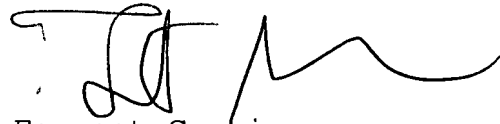


Attorney for Applicant(s)

May 3, 2007

Date of Signature

Respectfully submitted,



Forrest Gunnison
Attorney for Applicant(s)
Reg. No. 32,899
(831) 655-0880

Form PTO-1449

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

(Use several sheets if necessary)

Atty Docket No.

P-7008

Serial No.

10/672,698

Applicant(s)

Eduard K. de Jong

Filing Date

September 25, 2003

Group

2136

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|----|-----------------|----------|--------------------|-------|----------|-------------------------------|
| | AA | 4,434,436 | 02/28/84 | Kleykamp et al. | 380 | 209 | |
| | AB | 5,913,064 | 06/15/99 | Chen | 717 | 108 | |
| | AC | 6,006,328 | 12/21/99 | Drake | 726 | 23 | |
| | AD | 6,101,606 | 08/08/00 | Diersch et al. | 726 | 27 | |
| | AE | 6,175,925 | 01/16/01 | Nardone et al. | 726 | 22 | |
| | AF | 6,178,509 | 01/23/01 | Nardone et al. | 726 | 22 | |
| | AG | 6,205,550 | 03/20/01 | Nardone et al. | 726 | 22 | |
| | AH | 6,266,416 | 07/24/01 | Sigbjørnsen et al. | 380 | 255 | |
| | AI | 6,289,455 | 09/11/01 | Kocher et al. | 713 | 194 | |
| | AJ | 6,308,256 | 10/23/01 | Folmsbee | 712 | 209 | |
| | AK | 6,334,189 | 12/25/01 | Granger et al. | 726 | 26 | |
| | AL | 6,374,402 | 04/16/02 | Schmeidler et al. | 717 | 167 | |
| | AM | 6,480,959 | 11/12/02 | Granger et al. | 713 | 189 | |
| | AN | 6,594,761 | 07/15/03 | Chow et al. | 713 | 190 | |
| | AO | 6,615,350 | 09/02/03 | Schell et al. | 713 | 168 | |
| | AP | 6,640,305 | 10/28/03 | Kocher et al. | 713 | 194 | |
| | AQ | 6,643,775 | 11/04/03 | Granger et al. | 713 | 190 | |
| | AR | 6,694,435 | 02/17/04 | Kiddy | 713 | 189 | |
| | AS | 6,779,114 | 08/17/04 | Chow et al. | 713 | 189 | |
| | AT | 6,862,683 | 03/01/05 | Wille et al. | 713 | 151 | |

FOREIGN PATENT DOCUMENTS

| | | | | | | | Translation | |
|--|----|-----------------|------|---------|-------|----------|-------------|----|
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | YES | NO |
| | AU | | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----|---|
| AV | Collberg et al., "Breaking Abstractions and Unstructuring Data Structures", IEEE 2005, pages 1-12 [Online]. Retrieved on September 13, 2005 from the Internet: URL:< http://ieeexplore.ieee.org/xpl/absprintf.jsp?arnumber=674154 >. |
|----|---|

Examiner

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

| | | | | | | | |
|--|--|--|--|--|--|---------------------------------|--|
| Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i> | | | | Atty Docket No. P-7008 | | Serial No. 10/672,698 | |
| | | | | Applicant(s) Eduard K. de Jong | | | |
| | | | | Filing Date September 25, 2003 | | Group 2136 | |

| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|----|-----------------|----------|-------------------|-------|----------|----------------------------|
| EXAMINER INITIAL | AA | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | AA | 6,981,217 | 12/27/05 | Knaft et al. | 715 | 531 | |
| | AB | 7,054,443 | 05/30/06 | Jakubowski et al. | 380 | 28 | |
| | AC | 7,065,652 | 06/20/06 | Xu et al. | 713 | 190 | |
| | AD | 7,080,039 | 07/18/06 | Marsh | 705 | 51 | |
| | AE | 7,089,594 | 08/08/06 | Lal et al. | 726 | 31 | |
| | AF | 7,124,445 | 10/17/06 | Cronce et al. | 726 | 26 | |
| | AG | 7,127,712 | 10/24/06 | Noble et al. | 717 | 173 | |
| | AH | 7,150,003 | 12/12/06 | Naumovich et al. | 717 | 108 | |
| | AI | 2003/0093685 | 05/15/03 | Tobin | 713 | 190 | |
| | AJ | 2003/0177391 | 09/18/03 | Ofek et al. | 726 | 4 | |
| | AK | 2003/0188187 | 10/02/03 | Uchida | 726 | 26 | |
| | AL | 2003/0191938 | 10/09/03 | Woods et al. | 713 | 165 | |
| | AM | 2003/0233542 | 12/18/03 | Benaloh | 713 | 156 | |
| | AN | 2004/0003264 | 01/01/04 | Zeman et al. | 713 | 190 | |
| | AO | 2004/0003278 | 01/01/04 | Chen et al. | 726 | 21 | |
| | AP | 2004/0039932 | 02/26/04 | Elazar et al. | 726 | 26 | |
| | AQ | 2004/0103404 | 05/27/04 | Naumovich et al. | 717 | 136 | |
| | AR | 2004/0151306 | 08/05/04 | Kiddy | 380 | 28 | |
| | AS | 2005/0002053 | 01/06/05 | Meador et al. | 358 | 1.14 | |
| | AT | 2005/0015454 | 01/20/05 | Goodman et al. | 709 | 207 | |

| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|--------------------------|----|-----------------|------|---------|-------|----------|-------------|----|
| | | | | | | | Translation | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | YES | NO |
| | AU | | | | | | | |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | |
|--|--|
| | AV Collberg et al., "A Taxonomy of Obfuscating Transformations", 1997, pages 1-36. |

| | |
|----------|-----------------|
| Examiner | Date Considered |
|----------|-----------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

| | | | | | | | |
|--|--|--|--|--|--|---------------------------------|--|
| Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i> | | | | Atty Docket No. P-7008 | | Serial No. 10/672,698 | |
| | | | | Applicant(s) Eduard K. de Jong | | | |
| | | | | Filing Date September 25, 2003 | | Group 2136 | |

| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|-----------------|----------|-----------------|-------|----------|----------------------------|--|
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | |
| AA | 2005/0021995 | 01/27/05 | Lal et al. | 726 | 4 | | |
| AB | 2005/0044359 | 02/24/05 | Eriksson et al. | 713 | 165 | | |
| AC | 2005/0055564 | 03/10/05 | Haselden et al. | 726 | 26 | | |
| AD | 2005/0102264 | 05/12/05 | Nason et al. | 707 | 1 | | |
| AE | 2006/0026430 | 02/02/06 | Luo | 713 | 176 | | |
| AF | 2006/0048228 | 03/02/06 | Takemori et al. | 726 | 22 | | |
| AG | 2006/0218539 | 09/28/06 | Stiemens et al. | 717 | 140 | | |
| AH | 2006/0271921 | 11/30/06 | Cronce et al. | 717 | 151 | | |
| AI | | | | | | | |
| AJ | | | | | | | |
| AK | | | | | | | |
| AL | | | | | | | |
| AM | | | | | | | |
| AN | | | | | | | |
| AO | | | | | | | |
| AP | | | | | | | |
| AQ | | | | | | | |
| AR | | | | | | | |
| AS | | | | | | | |
| AT | | | | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|--------------------------|-----------------|------|---------|-------|----------|-----|-------------|--|
| | | | | | | | Translation | |
| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | YES | NO | |
| AU | | | | | | | | |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | |
|--|--|
| AW | Mambo et al., "A Tentative Approach to Constructing Tamper-Resistant Software", ACM 1998, pages 23-33. |

| | |
|----------|-----------------|
| Examiner | Date Considered |
|----------|-----------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).